

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,006,466 B2
APPLICATION NO. : 09/803247
DATED : February 28, 2006
INVENTOR(S) : S.C. Borst et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

On pages 1-2, in OTHER PUBLICATIONS, delete redundant second references to each of the following:

U.S. Appl. No. 09/517,659, filed Mar. 3, 2000, S. Stolyar et al., "Method of Packet Scheduling, With Improved Delay Performance, for Wireless Networks."

A. Bedekar et al., "Downlink Scheduling in CDMA Data Networks," Proc. IEEE Globecom '99, pp. 1-32, 1999.

P. Bender et al., "CDMA/HDR: A Bandwidth-Efficient High-Speed Wireless Data Service for Nomadic Users," IEEE Communications Magazine, vol. 38, pp. 70-77, 2000.

In the Specification:

Col. 7, line 7, between the commas in the equation please insert --...--.

Col. 7, line 53, between the commas in the equation please insert --...--.

Col. 9, line 37, between the commas in the equation please insert --...--.

Col. 11, line 62, between the commas in the equation please insert --...--.

Col. 13, line 44, please delete "0".

Col. 16, line 46, between the parentheticals please insert -- = --.

Col. 17, line 33, in the SNR (dB) column of the table before "30.0" please insert -- - --.

Col. 17, line 33, in the Rate (bits) column of the table before "30" please delete "-".

Col. 17, line 64, between the commas in the equation please insert --...--.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,006,466 B2
APPLICATION NO. : 09/803247
DATED : February 28, 2006
INVENTOR(S) : S.C. Borst et al.

Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims:

Claim 9, col. 21, line 58, delete "Musers" and insert --M users--.

Insert the following claim:

--Claim 21

An apparatus for scheduling data transmissions in a communication network, the apparatus comprising:

a base station having at least one processing device associated therewith, the at least one device being operative to identify for a given transmission interval a particular user from among a plurality of users requesting data transmissions, the particular user being identified as a maximum-rate user after application of coefficients of a revenue vector to corresponding feasible rates of the plurality of users, the revenue vector being determined in an iterative manner using an adaptive algorithm; and to schedule a data transmission of the particular user for the given transmission interval;

wherein the adaptive algorithm starts from an arbitrary initial revenue vector and iteratively adjusts the coefficients of the revenue vector to compensate for observed deviations between actual and target throughput, such that the deviations are reduced over time and the revenue vector converges to an optimal revenue vector.--

Signed and Sealed this

Seventeenth Day of October, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS
Director of the United States Patent and Trademark Office